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TOTAL # OF PAGES (including cover sheet): 11

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**PATENT APPLICATION**  
Attorney Docket No. D/98093

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Thomas ZellSignature Thomas Zell

Application of: Hogg et al.

Art Unit: 2758

Serial No.: 09/033,222

Examiner: J. Shapiro

Filed: 3/2/98

**Title: DISTRIBUTED CONTROL SYSTEM WITH GLOBAL CONSTRAINTS FOR CONTROLLING  
OBJECT MOTION WITH SMART MATTER**

Please acknowledge receipt of the papers identified below:

Amendment Transmittal and Amendment

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**PATENT APPLICATION**

Attorney Docket No.

**D/98093**

**AMENDMENT TRANSMITTAL LETTER**

In re application of: <b>Hogg et al.</b>						
Application Number <b>09/033,222</b>	Filing Date <b>3/2/1998</b>	Examiner <b>J. Shapiro</b>			Group Art Unit <b>3651</b>	
Title: <b>DISTRIBUTED CONTROL SYSTEM WITH GLOBAL CONSTRAINTS FOR CONTROLLING OBJECT MOTION WITH SMART MATTER</b>						
TO THE COMMISSIONER FOR PATENTS: Transmitted herewith is an amendment in the above-identified application. The fee has been calculated as shown below.						
<b>CLAIMS AS AMENDED</b>						
(1)	(2) Claims Remaining after Amend.	(3)	(4) Highest No. Previously Paid For	(5) No. of Extra Claims	(6) Rate	(7) Additional Fee
Total Claims	<b>20</b>	Minus	<b>0</b> =	<b>0</b>	x \$ 18	<b>\$ 0.00</b>
Indep. Claims	<b>2</b>	Minus	<b>0</b> =	<b>0</b>	x \$ 84	<b>\$ 0.00</b>
Total Additional Fee for this Amendment					<b>\$ 0.00</b>	

- ☒ No additional fee is required.
- ☐ Charge \$ 0.00 to Deposit Account No. 24-0025. An additional copy of this sheet is enclosed.
- ☒ Please charge any additional fees under 37 CFR 1.16, 1.17, 1.21 and 1.136(a) (but not 1.18), or credit any overpayment, to Deposit Account No. 24-0025. An additional copy of this sheet is enclosed.
- ☒ This constitutes a request for any needed extension of time and an authorization to charge all fees therefor to the above deposit account, if not otherwise specifically requested. This is also an authorization under 37 CFR 1.136(a)(3) to treat any concurrent or future reply, requiring a petition for extension of time, as incorporating a petition for the appropriate extension of time.
- ☐ A return receipt postcard is enclosed.
- ☐ Additional papers enclosed:

*Thomas Zell*  
Thomas Zell

Signature under 37 CFR 1.33 & 34  
Registration No. **37,481**  
Telephone No. **650-812-4282**  
Date of Signature: **11/29/2001**

MA  
11/30/01  
LuoK

**PATENT APPLICATION**  
Attorney Docket No. D/98093

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Thomas Zell

Signature: Thomas Zell

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Hogg et al.

Appl. No.: 09/033,222

Filed: March 2, 1998

)  
) Art Unit: 3651  
)

) Examiner: J. Shapiro  
)

**Title: DISTRIBUTED CONTROL SYSTEM WITH GLOBAL CONSTRAINTS  
FOR CONTROLLING OBJECT MOTION WITH SMART MATTER**

Commissioner for Patents  
Washington, D.C. 20231

**AMENDMENT UNDER 37 C.F.R. 1.111**

Sir:

In response to the Office Action of August 29, 2001, please amend the above-identified application as follows (An Appendix submitted herewith sets forth a marked up version of any prior pending paragraphs(s) and/or claim(s) with additions shown with underlining (e.g., new text) and deletions shown with a strikethrough (e.g., ~~delete-text~~) under 37 C.F.R. 1.121(b)(1)(iii) and 37 C.F.R. 1.121(c)(1)(ii), respectively.):